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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): PADGETT et al.	
Serial No.: 10/684,134	Examiner: SISSON, Bradley L.
Filed: 10/10/2003	Group Art Unit: 1634
Title: Polynucleotide Sequence Variants	
Attorney Docket No.: 1328-005	

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

This Supplemental Information Disclosure Statement is submitted under 37 CFR 1.97(b) (before mailing date of first office action on the merits).

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

LARGE SCALE BIOLOGY CORPORATION

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Date: 19 April 2005

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I hereby certify that this Correspondence is being deposited with the United States Postal service with sufficient postage for priority mail in a package addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

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Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1

Complete if Known	
Application Number	10/684,134
Filing Date	10/10/2003
First Named Inventor	Padgett et al.
Art Unit	1634
Examiner Name	Bradley L. Sisson
Attorney Docket Number	1328-005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,846,655	01/25/2005	WAGNER et al.	

FOREIGN PATENT DOCUMENTS

ExaminerInitials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO 97/37011	10/09/1997	BORTS et al.		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		BISWAS and HSIEH, "Identification and characterization of a thermostable MutS homolog from *Thermus aquaticus*", *J. Biol. Chem.* (1996) 271(9):5040-5048	
		KRAEMER and DIGIOVANNA, "Topical enzyme therapy for skin diseases?", *J. Am. Acad. Dermatol.* (2002) 46:463-6	
		O'GRADY, et al., "DNA repair in thermophiles: investigation of DNA-binding activities in *Thermus aquaticus*", *Biochem. Soc. Tranactions* (1997) 25:319-22	
		SUGAHARA, et al., "Crystal structure of a repair enzyme of oxidatively damaged DNA, MutM (Fpg), from an extreme thermophile, *Thermus thermophilus* HB8", *EMBO J* (2000) 19(15):3857-3869	
		WANG, "Creating hybrid genes by homologous recombination", *Disease Markers* (2000) 16:3-13	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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